

TAIRILAC® ANC120

ABS

Formosa Chemicals & Fibre Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	6.4	g/10min	ASTM D 1238
Temperature	200	°C	-
Load	5	kg	-
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	39.2	MPa	ASTM D 638
Flexural Modulus	2256	MPa	ASTM D 790
Flexural Strength	67.7	MPa	ASTM D 790
Rockwell Hardness	R 100	-	ASTM D 785
Izod Impact notched, 1/4 in	275	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	2.3	mm	-
Yellow Card available	yes	-	-
Burning behav. 5V at thickness h	5VB	class	IEC 60695-11-20
Thickness tested	2.3	mm	-
Yellow Card available	yes	-	-
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	2.3	mm	-
DTUL @ 264 psi	74	°C	ASTM D 648
Vicat Temperature	87	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1190	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 80	°C	-
Pre-drying - Time	2 - 3	h	-
Melt temperature	160 - 200	°C	-
Mold temperature	40 - 70	°C	-
Injection pressure	60 - 110	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

Asia Pacific

Special Characteristics

Flame retardant